01124000 QUINEBAUG RIVER AT QUINEBAUG, CT--Continued

WATER-QUALITY RECORDS

PERIOD of RECORD.--Chemical analyses available for water years 1953 (WSP 1290), 1960 (WSP 1741), 1963 (WSP 1941), 1969 (WSP 2143). Water temperatures available for water year 1960 (WSP 1741). 1980 to current year.
PERIOD of DAILY RECORD.--
SPECIFIC CONDUCTANCE: October 1959 to September 1960, October 1968 to September 1969.
pH: October 1959 to September 1960, October 1968 to September 1969.
WATER TEMPERATURES: October 1959 to September 1960, October 1968 to September 1969.
DISSOLVED OXYGEN: October 1959 to September 1960, October 1968 to September 1969.
EXTREMES FOR PERIOD of DAILY RECORD.--
SPECIFIC CONDUCTANCE: Maximum, 308 microsiemens Jan. 31, 1969; minimum, 49 microsiemens April 2, 1960.
pH: Maximum, 7.7 units June 14, 1969; minimum, 5.8 units July 18, 1969.
WATER TEMPERATURES: Maximum, 30.5°C July 16, 1969; minimum, 0.0 C on many days during December to March.
DISSOLVED OXYGEN: Maximum, 15.1 mg/L Dec. 28, 1968; minimum, 1.4 mg/L Sept. 7, 1969.

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	Time	DIS-CHARGE, INST. CUBIC FEET PER SECOND (00061)	SPE-CIFIC CON-DUCT-ANCE (US/CM) (00095)	PH WATER WHOLE FIELD (STAND-ARD UNITS) (00400)	TEMPER-ATURE AIR (DEG C) (00020)	TEMPER-ATURE WATER (DEG C) (00010)	TUR-BID-ITY (NTU) (00076)	OXYGEN, DIS-SOLVED (MG/L) (00300)	OXYGEN, DIS-SOLVED (PER-CENT SATUR-ATION) (00301)	FECAL COLI-FORM, MFC MF, WATER (COL/ 100 ML) (31616)	ENTERO-COCCI, MEI MF, WATER (COL/ 100 ML) (90909)	HARD-NESS TOTAL (MG/L AS CACO3) (00900)	CALCIUM DIS-SOLVED (MG/L AS CA) (00915)
NOV													
06...	1040	44	325	7.3	11.0	8.0	2.4	12.1	103	112k	8k	48	14.3
JAN													
08...	1055	46	326	7.0	-3.0	.0	2.4	14.0	97	88	76	46	13.0
MAR													
11...	1110	176	230	7.0	2.0	6.5	1.1	13.1	106	160	104	31	8.58
MAY													
13...	0930	235	196	7.0	9.0	13.0	4.3	9.5	91	212	220	28	7.77
JUN													
21...	0945	414	165	6.7	27.0	20.0	2.3	8.1	91	148	115	24	6.60
JUL													
24...	0920	66	272	7.2	20.5	24.0	5.5	8.0	95	148	84	40	11.4
AUG													
20...	0915	19	280	7.3	23.0	22.5	2.1	7.7	90	1000	3900	46	13.2
SEP													
05...	0845	33	327	7.2	20.5	19.0	2.4	8.6	95	67k	32	52	15.5

Date	MAGNE-SIUM, DIS-SOLVED (MG/L AS MG) (00925)	SODIUM, DIS-SOLVED (MG/L AS NA) (00930)	POTAS-SIUM, DIS-SOLVED (MG/L AS K) (00935)	CAR-BONATE WATER DIS IT FIELD MG/L AS CO3 (00452)	BICAR-BONATE WATER DIS IT FIELD MG/L AS HCO3 (00453)	ALKA-LINITY WAT DIS TOT IT FIELD MG/L AS CACO3 (39086)	SULFATE DIS-SOLVED (MG/L AS SO4) (00945)	CHLO-RIDE, DIS-SOLVED (MG/L AS CL) (00940)	FLUO-RIDE, DIS-SOLVED (MG/L AS F) (00950)	SILICA, DIS-SOLVED (MG/L AS SIO2) (00955)	SOLIDS, RESIDUE AT 180 DEG. C DIS-SOLVED (MG/L) (70300)	SOLIDS, RESIDUE AT 105 DEG. C, TOTAL (MG/L) (00500)	NITRO-GEN, NITRITE DIS-SOLVED (MG/L AS N) (00613)
NOV													
06...	2.97	42.3	3.13	0	24	20	14.3	72.6	.1	3.74	212	178	.010
JAN													
08...	3.22	40.7	3.20	0	21	17	13.4	77.5	E.1	6.69	180	180	.102
MAR													
11...	2.32	27.9	1.97	0	13	11	10.9	51.7	E.1n	4.56	122	116	.045
MAY													
13...	2.12	23.2	1.72	0	12	10	9.8	42.2	<.1	3.57	116	123	E.005
JUN													
21...	1.87	18.2	1.50	0	13	11	7.5	34.7	<.1	5.03	101	107	E.006
JUL													
24...	2.79	32.5	2.52	0	23	19	12.2	58.4	.1	5.05	160	160	E.005
AUG													
20...	3.06	31.6	3.13	0	27	22	16.4	54.0	.1	3.45	157	99	E.004
SEP													
05...	3.36	37.8	3.79	0	26	21	18.7	68.2	.1	4.96	186	180	<.008

Date	NITRO-GEN, NO2+NO3 DIS-SOLVED (MG/L AS N) (00631)	NITRO-GEN, AMMONIA DIS-SOLVED (MG/L AS N) (00608)	NITRO-GEN, ORGANIC TOTAL (MG/L AS N) (00605)	NITRO-GEN,AM-MONIA + ORGANIC TOTAL (MG/L AS N) (00625)	NITRO-GEN,AM-MONIA + ORGANIC DIS. (MG/L AS N) (00623)	NITRO-GEN, TOTAL (MG/L AS N) (00600)	PHOS-PHORUS TOTAL (MG/L AS P) (00665)	PHOS-PHORUS DIS-SOLVED (MG/L AS P) (00666)	ORTHO-PHOS-PHATE, DIS-SOLVED (MG/L AS P) (00671)	ALUM-INUM, DIS-SOLVED (UG/L AS AL) (01106)	ANTI-MONY, DIS-SOLVED (UG/L AS SB) (01095)	BARIUM, DIS-SOLVED (UG/L AS BA) (01005)	BERYL-LIUM, DIS-SOLVED (UG/L AS BE) (01010)
NOV													
06...	.66	<.04	--	.43	.30	1.1	.042	.013	<.02	7	.20	13	<.06
JAN													
08...	.54	.08	.42	.50	.40	1.0	.072	.035	.02	15	.11	13	<.06
MAR													
11...	.18	<.04	--	.31	.21	.49	.039	.011	<.02	18	.07	11	<.06
MAY													
13...	.21	E.04	--	.44	.29	.65	.046	.015	<.02	19	.14	13	<.06
JUN													
21...	.20	<.04	--	.48	.31	.68	.062	.023	<.02	23	.12	11	<.06
JUL													
24...	.41	E.02	--	.45	.31	.85	.054	.020	<.02	8	.17	13	<.06
AUG													
20...	.36	<.04	--	.39	.32	.75	.035	.030	E.01	4	.28	15	<.06
SEP													
05...	.73	<.04	--	.35	.26	1.1	.040	.017	<.02	6	.32	16	<.06

01124000 QUINEBAUG RIVER AT QUINEBAUG, CT--Continued

WATER-QUALITY DATA, WATER YEAR OCTOBER 2001 TO SEPTEMBER 2002

Date	CADMIUM DIS-SOLVED (UG/L AS CD) (01025)	CHRO-MIUM, DIS-SOLVED (UG/L AS CR) (01030)	COBALT, DIS-SOLVED (UG/L AS CO) (01035)	COPPER, DIS-SOLVED (UG/L AS CU) (01040)	IRON, DIS-SOLVED (UG/L AS FE) (01046)	LEAD, DIS-SOLVED (UG/L AS PB) (01049)	MANGA-NESE, DIS-SOLVED (UG/L AS MN) (01056)	MOLYB-DENUM, DIS-SOLVED (UG/L AS MO) (01060)	NICKEL, DIS-SOLVED (UG/L AS NI) (01065)	SILVER, DIS-SOLVED (UG/L AS AG) (01075)	ZINC, DIS-SOLVED (UG/L AS ZN) (01090)	URANIUM NATURAL DIS-SOLVED (UG/L AS U) (22703)	CARBON, ORGANIC TOTAL (MG/L AS C) (00680)
NOV													
06...	E.04	<.8	.11	1.2	156	.27	43.1	4.4	1.15	<1	3	<.02	7.0
JAN													
08...	.04	<.8	.16	1.2	272	.22	86.0	2.3	.83	<1	6	<.02	5.5
MAR													
11...	E.03	<.8	.15	.9	124	.22	62.4	.3	.74	<1	4	<.02	4.8
MAY													
13...	E.02	<.8	.19	1.2	271	.43	92.7	.3	.96	<1	5	E.01	5.6
JUN													
21...	<.04	<.8	.17	.9	420	.54	65.1	.4	.86	<1	2	E.01	6.8
JUL													
24...	E.02	<.8	.15	1.3	233	.38	55.9	1.2	.92	<1	3	<.02	5.6
AUG													
20...	.04	<.8	.17	1.5	46	.15	79.5	2.1	1.40	<1	3	<.02	5.1
SEP													
05...	E.03	<.8	.14	1.7	236	.47	46.9	1.9	1.26	<1	4	<.02	4.3

Value qualifier codes used in this report:
  k -- Counts outside acceptable range
  n -- Below the NDV